

Our Reference: UMJ-104-B (UM #1626)

COMBINED DECLARATION AND POWER OF ATTORNEY

DECLARATION:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LITHIUM-BASED ZEOLITES CONTAINING SILVER AND COPPER AND USE THEREOF FOR SELECTIVE ADSORPTION

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application Serial No. _____ on _____, and was amended on or through _____ (if applicable).

☒ was filed as PCT international application Number PCT/US99/29666 on December 13, 1999, and was amended under PCT Article 19 on January 5, 2001 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign/PCT Application(s) and any Priority Claims Under 35 U.S.C. §119:

Priority Claimed

(Number)	(Country)	(Day/Mo/Yr Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Mo/Yr Filed)	Yes	No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>60/114,371</u>	<u>December 30, 1998</u>
(Application Number)	(Filing Date)

(Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Prior U. S. Application(s) or PCT International Application(s) Designating the U.S. for Benefit Under 35 U.S.C. §120:

(Application Number)	(Filing Date)	(Status: patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status: patented, pending, abandoned)

09069623 062801

POWER OF ATTORNEY:

I hereby appoint the following attorney(s) and/or agent(s) Julia Church Dierker, Patent Office Registration No. 33368, Denise M. Glassmeyer, Patent Office Registration No. 31831, Andrew R. Basile, Patent Office Registration No. 24753, William M. Hanlon, Jr., Patent Office Registration No. 28422, and Thomas D. Helmholdt, Patent Office Registration No. 33181, as my attorney(s) and/or agent(s), to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

Send all correspondence to: Julia Church Dierker
 Young & Basile, P.C.
 3001 West Big Beaver Road, Suite 624
 Troy, Michigan 48084
 Phone: (248) 649-3333

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Ralph T. Yang

Inventor's Signature See Separate Document

Date _____ Citizenship U.S.

Residence 2627 Pin Oak Drive, Ann Arbor, Michigan 48103

Post Office Address (Same as above)

Full name of second joint inventor, if any Nick D. Hutson

Inventor's Signature Nick D. Hutson

Date 6-19-01 Citizenship U.S.

Residence 236 Chatham Road, Augusta, Georgia 30907 GA

Post Office Address (Same as above)

09069623 062801

Our Reference: UMJ-104-B (UM #1626)

COMBINED DECLARATION AND POWER OF ATTORNEY

DECLARATION:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LITHIUM-BASED ZEOLITES CONTAINING SILVER AND COPPER AND USE THEREOF FOR SELECTIVE ADSORPTION

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application Serial No. _____ on _____, and was amended on or through _____ (if applicable).

☒ was filed as PCT international application Number PCT/US99/29666 on December 13, 1999 and was amended under PCT Article 19 on January 5, 2001 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign/PCT Application(s) and any Priority Claims Under 35 U.S.C. §119:

Priority Claimed

(Number)	(Country)	(Day/Mo/Yr Filed)	<input type="checkbox"/>	<input type="checkbox"/>
			Yes	No
(Number)	(Country)	(Day/Mo/Yr Filed)	<input type="checkbox"/>	<input type="checkbox"/>
			Yes	No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>60/114,371</u>	<u>December 30, 1998</u>
(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Prior U. S. Application(s) or PCT International Application(s) Designating the U.S. for Benefit Under 35 U.S.C. §120:

(Application Number)	(Filing Date)	(Status: patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status: patented, pending, abandoned)

09069623 062801

POWER OF ATTORNEY:

5 - I hereby appoint the following attorney(s) and/or agent(s) Julia Church Dierker, Patent Office Registration No. 33368, Denise M. Glassmeyer, Patent Office Registration No. 31831, Andrew R. Basile, Patent Office Registration No. 24753, William M. Hanlon, Jr., Patent Office Registration No. 28422, and Thomas D. Helmholdt, Patent Office Registration No. 33181, as my attorney(s) and/or agent(s), to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

Send all correspondence to: Julia Church Dierker
Young & Basile, P.C.
3001 West Big Beaver Road, Suite 624
Troy, Michigan 48064
Phone: (248) 649-3333

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Ralph T. Yang

Inventor's Signature Ralph T. Yang

Date 6/19/01 Citizenship U.S.

Residence 2627 Pin Oak Drive, Ann Arbor, Michigan 48103 MI

Post Office Address (Same as above)

Full name of second joint inventor, if any Nick D. Hutson

Inventor's Signature See Separate Document

Date _____ Citizenship U.S.

Residence 236 Chatham Road, Augusta, Georgia 30907

Post Office Address (Same as above)

11:08:29 "E2969860
09069623-062801